



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Air Quality Permit

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Rules, Chapter 391-3-1, adopted pursuant to and in effect under that Act,

Facility Name: Wilkes Lumber
Facility Address: 371 Harris Road
Washington, Georgia 30673 (Wilkes County)
Mailing Address: PO Box 627
Washington, Georgia 30673
Facility AIRS Number: 04-13-317-00034

is issued a Permit for the following:

Construction and operation of a lumber mill.

This Permit is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Permit.

This Permit may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Application No. 28526 dated August 3, 2022; any other applications upon which this Permit is based; supporting data entered therein or attached thereto; or any subsequent submittals or supporting data; or for any alterations affecting the emissions from this source.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 4 pages.



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Richard E. Dunn, Director
Environmental Protection Division

**State of Georgia
Department of Natural Resources
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1. General Requirements

- 1.1 At all times, including periods of startup, shutdown, and malfunction, the Permittee shall maintain and operate this source, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection or surveillance of the source.
- 1.2 The Permittee shall not build, erect, install or use any article, machine, equipment or process the use of which conceals an emission which would otherwise constitute a violation of an applicable emission standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard that is based on the concentration of a pollutant in the gases discharged into the atmosphere.
- 1.3 The Permittee shall submit a Georgia Air Quality Permit application to the Division prior to the commencement of any modification, as defined in 391-3-1-.01(pp), which may result in air pollution and which is not exempt under 391-3-1-.03(6). Such application shall be submitted sufficiently in advance of any critical date involved to allow adequate time for review, discussion, or revision of plans, if necessary. The application shall include, but not be limited to, information describing the precise nature of the change, modifications to any emission control system, production capacity and pollutant emission rates of the plant before and after the change, and the anticipated completion date of the change.
- 1.4 Unless otherwise specified, all records required to be maintained by this Permit shall be recorded in a permanent form suitable for inspection and submission to the Division and shall be retained for at least five (5) years following the date of entry.
- 1.5 In cases where conditions of this Permit conflict with each other for any particular source or operation, the most stringent condition shall prevail.

2. Allowable Emissions

- 2.1 The Permittee shall not process more than 90 million board feet (MMbf) of lumber in the direct fired kiln (ID No. CDK1) during any twelve consecutive months.
[PSD Avoidance – 40 CFR 52.21]
- 2.2 The Permittee shall not fire any fuel other than natural gas and wood in the direct fired kiln (ID No. CDK1).
[391-3-1-.03(2)(c) and 391-3-1-.02(2)(g)2. (subsumed)]

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- 2.3 The Permittee shall not cause, let, suffer, permit, or allow the emissions into the atmosphere from any from any air contaminant source, the opacity of which is equal to or greater than forty (40) percent, unless otherwise specified.

[391-3-1-.02(2)(b)1.]

- 2.4 The Permittee shall not cause, let, suffer, permit, or allow the emission from any source, particulate matter (PM) in total quantities equal to or exceeding the allowable rate as calculated using the applicable equation below, unless otherwise specified in this Permit.

[391-3-1-.02(2)(e)1.]

$E = 4.1P^{0.67}$, for process input weight rate up to and including 30 tons per hour, and
 $E = 55 P^{0.11} - 40$; for process input weight rate above 30 tons per hour.

Where:

E = allowable emission rate in pounds per hour.

P = process input weight rate in tons per hour.

3. Fugitive Emissions

- 3.1 The Permittee shall take all reasonable precautions with any operation, process, handling, transportation, or storage facilities to prevent fugitive emissions of air contaminants.

4. Process & Control Equipment

- 4.1 Routine maintenance shall be performed on all air pollution control equipment. Maintenance records shall be in a form suitable for inspection or submittal to the Division.

5. Monitoring

- 5.1 Not applicable.

6. Performance Testing

- 6.1 The Permittee shall cause to be conducted a performance test at any specified emission point when so directed by the Division. The following provisions shall apply with regard to such tests:

- a. All tests shall be conducted and data reduced in accordance with applicable procedures and methods specified in the Division's Procedures for Testing and Monitoring Sources of Air Pollutants.

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- b. All test results shall be submitted to the Division within sixty (60) days of the completion of testing.
- c. The Permittee shall provide the Division thirty (30) days prior written notice of the date of any performance test(s) to afford the Division the opportunity to witness and/or audit the test, and shall provide with the notification a test plan in accordance with Division guidelines.
- d. All monitoring systems and/or monitoring devices required by the Division shall be installed, calibrated and operational prior to conducting any performance test(s). For any performance test, the Permittee shall, using the monitoring systems and/or monitoring devices, acquire data during each performance test run. All monitoring system and/or monitoring device data acquired during the performance testing shall be submitted with the performance test results.

7. Notification, Reporting and Record Keeping Requirements

- 7.1 The Permittee shall submit written notification of startup to the Division within 15 days after such date. The notification shall be submitted to:
Mr. Sean Taylor
Stationary Source Compliance Program
4244 International Parkway, Suite 120
Atlanta GA 30354
- 7.2 The Permittee shall maintain monthly records of the amount of the dried lumber processed through the direct fired kiln (ID No. CDK1), necessary to confirm compliance with the production limit in Condition 2.1. The records shall be retained in a permanent form suitable and available for inspection or submittal to the Division upon request. These records shall be retained for at least five years following the day of record.
[391-3-1-.02(6)(b)1.]
- 7.3 The Permittee shall, each month, calculate and record the twelve-month rolling total of the board feet of lumber dried in the direct fired kiln (ID No. CDK1), using the monthly records required in Condition No. 7.2. A twelve- month rolling total shall be defined as the sum of the current month's total plus the totals for the previous eleven consecutive months. The Permittee shall notify the Division in writing if any twelve-month rolling total exceeds 90 MMbf. This notification shall be postmarked by the fifteenth day of the following month and shall include an explanation of how the Permittee intends to attain compliance with the throughput limit in Condition 2.1.

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8. Special Conditions

- 8.1 At any time that the Division determines that additional control of emissions from the facility may reasonably be needed to provide for the continued protection of public health, safety and welfare, the Division reserves the right to amend the provisions of this Permit pursuant to the Division's authority as established in the Georgia Air Quality Act and the rules adopted pursuant to that Act.
- 8.2 The Permittee shall calculate and pay an annual Permit fee to the Division. The amount of the fee shall be determined each year in accordance with the "Procedures for Calculating Air Permit Application & Annual Permit Fees."
- 8.3 The Permittee shall submit a Title V operating permit application within 12 months after the initial startup of the direct fired kiln (ID No. CDK1).